

**To:** Manzanilla, Enrique[Manzanilla.Enrique@epa.gov]  
**Cc:** Allen, HarryL[Allen.HarryL@epa.gov]; Meer, Daniel[Meer.Daniel@epa.gov]  
**From:** Nattis, Randy  
**Sent:** Fri 8/7/2015 6:54:29 PM  
**Subject:** Re: Animas R

That is the hope from the next flyover. My back of the napkin estimates based on where it is now and where it came from is that the slug is moving at 2-3 mph not at the orginal estimates of 4 mph. The Amimas River is roughly 75 river miles from the CO boarder to Farmington.

Once the slug crosses the CO / NM boarder

At 2 mph = 37 hours to Farmington

At 3 mph = 25 hours to Farmington

Thanks,

Randy B. Nattis  
Federal On Scene Coordinator  
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**From:** Manzanilla, Enrique  
**Sent:** Friday, August 7, 2015 11:30 AM  
**To:** Nattis, Randy  
**Cc:** Allen, HarryL; Meer, Daniel  
**Subject:** RE: Animas R

Thanks Randy.

Is it possible to get an estimate of when it will go by Farmington?

**From:** Nattis, Randy  
**Sent:** Friday, August 07, 2015 11:26 AM  
**To:** Manzanilla, Enrique

**Cc:** Strauss, Alexis; Meer, Daniel; Allen, HarryL; Tenley, Clancy; Montgomery, Michael; Li, Corine  
**Subject:** Re: Animas R

A quick update.

The slug is still in CO, about 12 miles north of the NM boarder as of 10 am mtn (this was determined from an ASPECT flyover). R8 plans on flying again this afternoon to get a new location to forecast the speed, as the slug is moving slower than expected.

R8 is still working up a sampling plan and methods and looking for a lab that can handle the throughput.

Thanks.

Randy B. Nattis  
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On Aug 7, 2015, at 11:04 AM, Manzanilla, Enrique <[Manzanilla.Enrique@epa.gov](mailto:Manzanilla.Enrique@epa.gov)> wrote:

We contacted Navajo EPA last night and this morning and we're working with them to support their sampling efforts.

The animus river flows into the San Juan, flows through Navajo and then flows back into Utah. Doesn't look like it hits Arizona, but we will confirm. Harry has it on the viewer in the EOC.

**From:** Strauss, Alexis  
**Sent:** Friday, August 07, 2015 9:51 AM  
**To:** Manzanilla, Enrique; Meer, Daniel  
**Subject:** Animas R

Do we know ADEQ and NNEPA are informed? I see the Colorado officials are requiring all watercraft off the river, and wondered if others downstream may do same.